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containing alcohol, aromatic hydrocarbon and an alkyl or alkylaryl polyoxyalkylene phosphate ester surfactant, thereafter displacing the micelle treating fluid into the formation by injecting a gas into the well and contacting accumulated asphaltene precipitate and a low-gravity, high-viscosity, asphaltene-based crude in the subterranean formation with the micelle treating fluid to disperse the accumulation of asphaltene and to reduce the viscosity of the low-gravity, high-viscosity, asphaltene-based crude.

IN THE CLAIMS

Please revise Applicant's claims as follows.

1. (Amended) A process for restoring the injectivity or productivity of a well penetrating a subterranean formation and defining a well bore and a well bore face, the injectivity or productivity of the well being reduced by an accumulation of an asphaltene precipitate [at] on the well bore face [and/or] or in the subterranean formation [and contacting a low-gravity, high-viscosity, asphaltene-based crude, thus lowering its viscosity and causing it to migrate through the subterranean formation by using a gas, such as air, carbon dioxide, nitrogen, natural gas alone or augmented with injection water and/or a micelle treating fluid,] the process comprising:

a) injecting [the] a micelle treating fluid into the well penetrating the subterranean formation, the micelle treating fluid [being formed by mixing] comprising a 2 percent potassium chloride water solution [with] and a mutual solvent comprising alcohol, aromatic hydrocarbon, and an alkyl or alkylaryl polyoxyalkylene phosphate ester surfactant, the 2 percent potassium chloride water solution and the mutual solvent being mixed in a volumetric ratio of about 1 to 1 to about 2 to 1, [and]

b) displacing the micelle treating fluid into contact with the accumulation of asphaltene precipitate and the low-gravity, high-viscosity, asphaltene-based crude in the formation by injecting a gas into the well; and,

c) contacting the accumulation of asphaltene precipitate and the low-gravity, high-viscosity, asphaltene-based crude indigenous to the formation with the micelle treating fluid so that [it] the micelle treating fluid degrades and disperses the accumulation of asphaltene